

APPLN. FILING DATE: AUGUST 29, 2003
TITLE: IMAGE PROCESSING APPARATUS HAVING
FUNCTION FOR MANAGING MANAGEMENT
INFORMATION RELATING TO MANAGED DEVICES, . . .
INVENTOR(S): AKEMI KURUMATANI
ATTORNEY'S DOCKET NO: 018987-053

SHEET 1 of 16

FIG.1

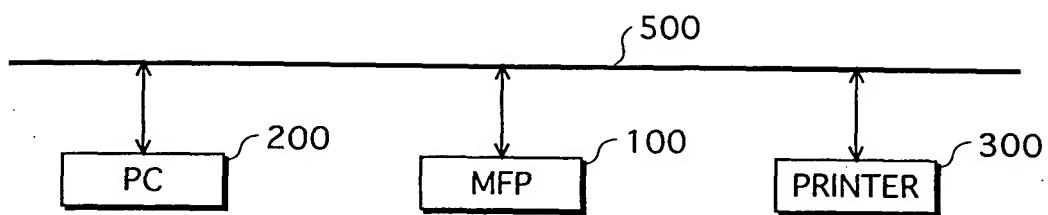


FIG.2

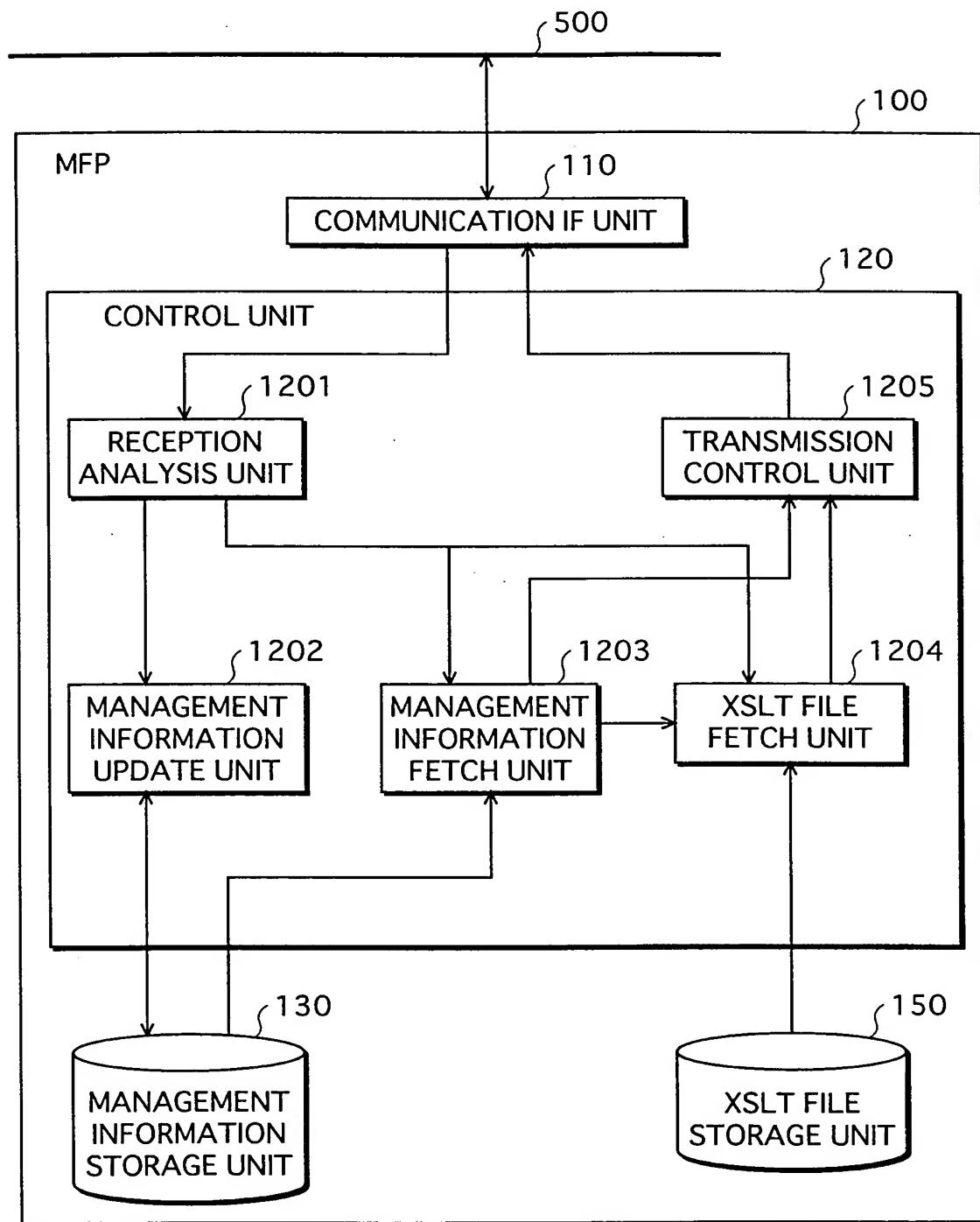


FIG.3

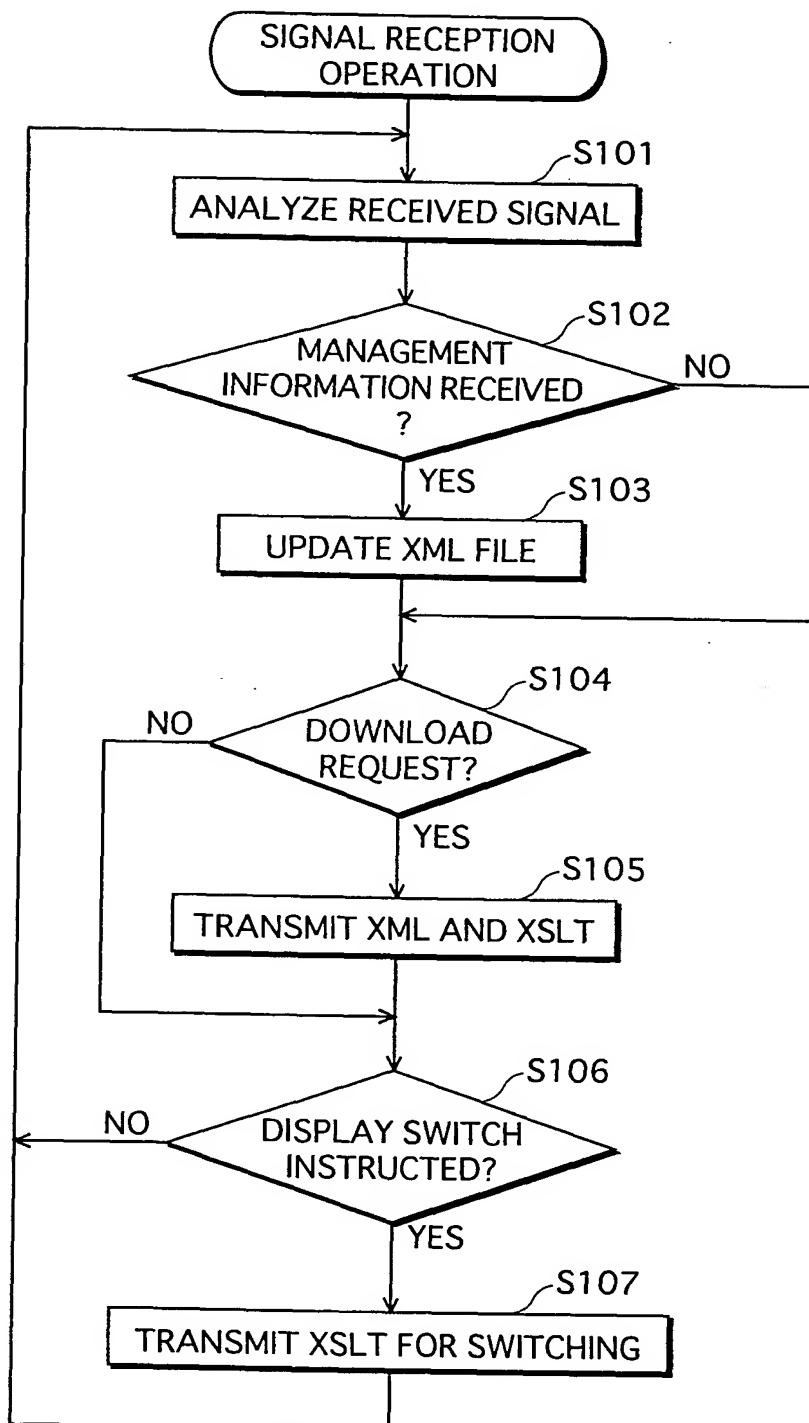


FIG.4A

The diagram shows a user interface layout. On the left, there are two rectangular boxes: 'Menu1' (black background) and 'Menu2' (white background). To the right of these is a table with two columns: 'Tray Name' and 'Paper Size'. The table has four rows. The first row contains the column headers. The second row contains 'Tray 1' and 'A4'. The third row contains 'Tray 2' and 'A3'.

Tray Name	Paper Size
Tray 1	A4
Tray 2	A3

FIG.4B

The diagram shows a user interface layout. On the left, there are two rectangular boxes: 'Menu1' (white background) and 'Menu2' (black background). To the right of these is a table with three columns: 'Name', 'Tel.', and 'E-mail'. The table has four rows. The first row contains the column headers. The second row contains 'Yama', '06-6111-1234', and 'Yama@x.ne.jp'. The third row contains 'Kawa', '06-6111-1256', and 'Kawa@x.ne.jp'. The fourth row contains 'Umi', '06-6111-1278', and 'Umi@x.ne.jp'.

Name	Tel.	E-mail
Yama	06-6111-1234	Yama@x.ne.jp
Kawa	06-6111-1256	Kawa@x.ne.jp
Umi	06-6111-1278	Umi@x.ne.jp

FIG.5

```
<?xml version="1.0" encoding="UTF-8"?>
<xslstylesheet href="MENU1.XSL" type="text/xsl"?>
<MFP>
  <InputTray>
    <Tray>
      <Name>Tray 1 </Name>
      <Paper Size> A 4 </Paper Size>
    </Tray>
    <Tray>
      <Name>Tray 2 </Name>
      <Paper Size> A 3 </Paper Size>
    </Tray>
  </InputTray>
  <Address>
    <Person>
      <Name>Yama</Name>
      <Tel>06-6111-1234</Tel>
      <E-mail>Yama@x.ne.jp</E-mail>
    </Person>
    <Person>
      <Name>Kawa</Name>
      <Tel>06-6111-1256</Tel>
      <E-mail>Kawa@x.ne.jp</E-mail>
    </Person>
    <Person>
      <Name>Umi</Name>
      <Tel>06-6111-1278</Tel>
      <E-mail>Umi@x.ne.jp</E-mail>
    </Person>
  </Address>
</MFP>
```

FIG.6

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
<xsl:output method="html" encoding="UTF-8"/>
<xsl:template match="/MFP">
<HTML>
    <HEAD>
        <script type="text/JavaScript">
        <xsl:comment>
            <![CDATA[
                function SET(){
                    var objS=new ActiveXObject("Microsoft.XMLDOM");
                    objS.async=false;
                    objS.load("MENU2.XSL") → ①
                    document.getElementById(ID).innerHTML=objDoc.transformNode(objS);
                }
            ]]>
        </xsl:comment>
        </script>
    </HEAD>
    <BODY>
        <TABLE>
            <TR><TD>
                <input type="button" value="Menu 1 "/>
                <input type="button" value="Menu 2 " onclick="SET"/>
            </TR></TD>
        </TABLE>
        <TABLE id="TrayTable">
            <TR>
                <TD>Tray</TD>
                <TD>Paper Size</TD>
            </TR>
            <TR>
                <TD><xsl:value-of select="InputTray/Tray/Name"/></TD>
                <TD><xsl:value-of select="InputTray/Tray/Paper Size"/></TD>
            </TR>
        </TABLE>
    </BODY>
</HTML>
</xsl:template>
```

FIG.7

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
<xsl:output method="html" encoding="UTF-8"/>
<xsl:template match"/MFP">
<HTML>
  <BODY>
    <TR>
      <TD>Name</TD>
      <TD>Tel</TD>
      <TD>E-mail</TD>
    </TR>
    <TR>
      <TD><xsl:value-of select="Address/Person/Name"/></TD>
      <TD><xsl:value-of select="Address/Person/Tel"/></TD>
      <TD><xsl:value-of select="Address/Person/E-mail"/></TD>
    </TR>
  </TABLE>
</BODY>
</HTML>
</xsl:template>
```

FIG.8

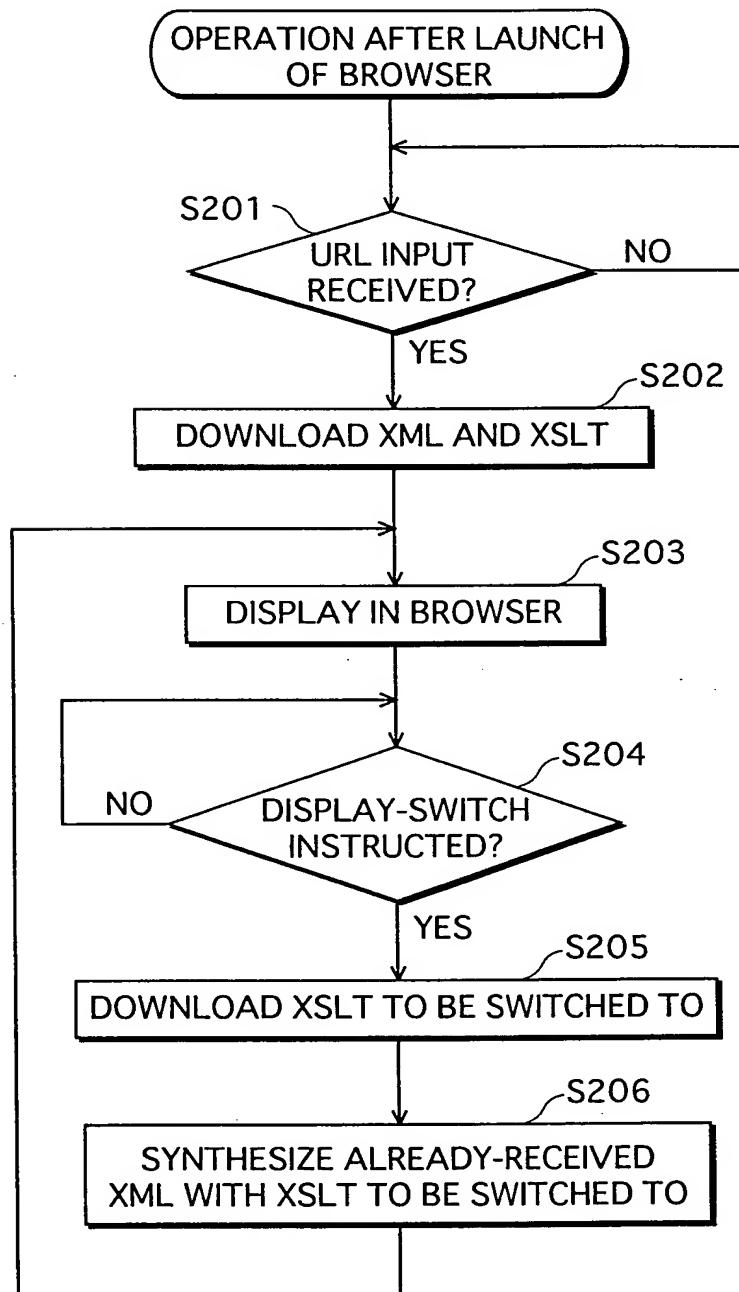


FIG.9

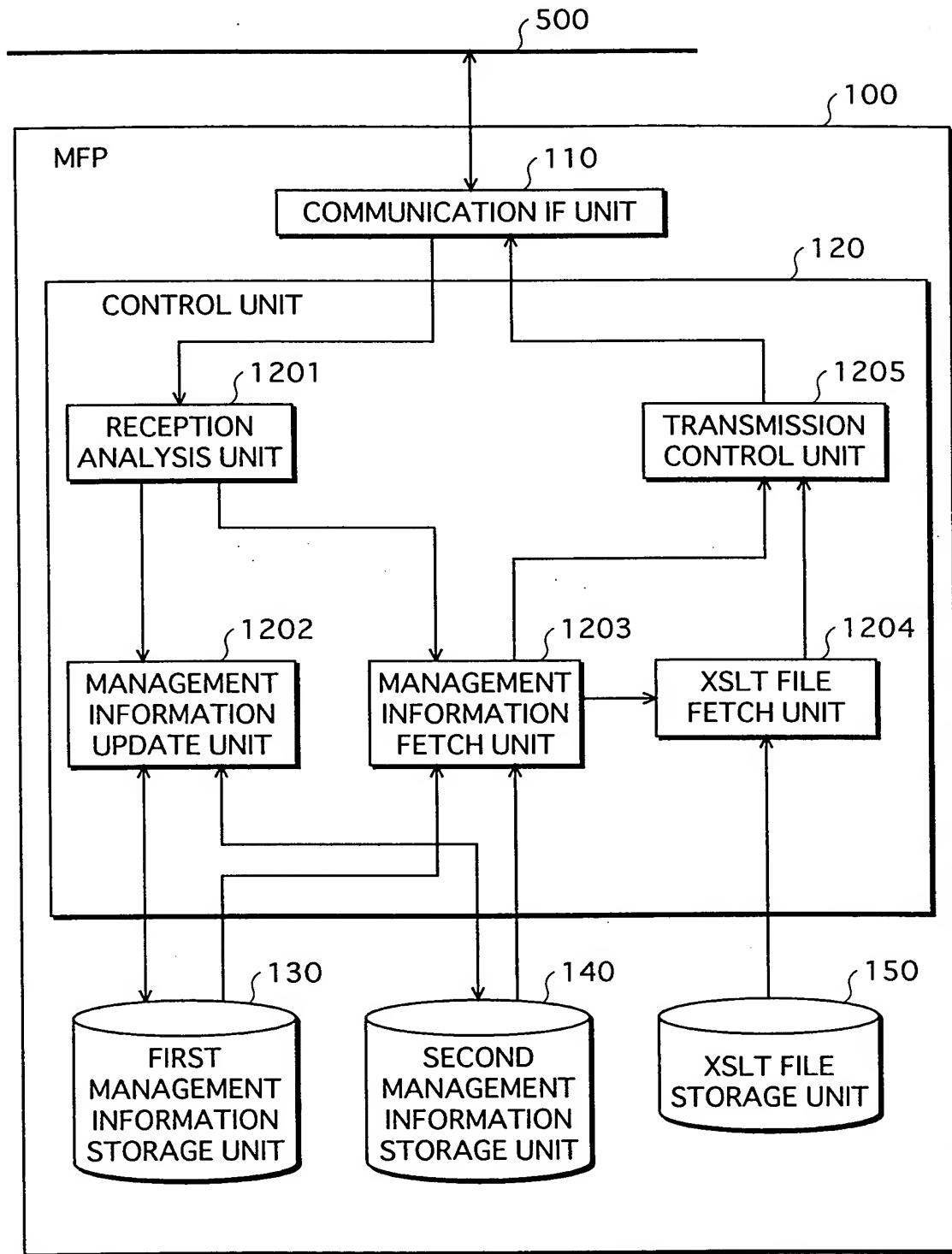


FIG.10

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0"
    xmlns:xlink="http://www.w3.org/1999/xlink">
<xsl:output method="html" encoding="UTF-8"/>
<xsl:template match="/">
<HTML LANG="ja">
<BODY>
    <TABLE>
        <TR>
            <TD>Original Size</TD>
            <TD>
                <select>
                    <xsl:for-each select="document('parameter.xml')//Original Size/item">
                        <option>
                            <xsl:if test="self::node()=document('setparm.xml')//Original Size">
                                <xsl:attribute name="selected">selected</xsl:attribute>
                            </xsl:if>
                            <xsl:value-of select="."/>
                        </option>
                    </xsl:for-each>
                </select>
            </TD>
        </TR>
        <TR>
            <TD>Resolution</TD>
            <TD>
                <select>
                    <xsl:for-each select="document('parameter.xml')//Resolution/item">
                        <option>
                            <xsl:if test="self::node()=document('setparm.xml')//Resolution">
                                <xsl:attribute name="selected">selected</xsl:attribute>
                            </xsl:if>
                            <xsl:value-of select="."/>
                        </option>
                    </xsl:for-each>
                </select>
            </TD>
        </TR>
    </TABLE>
</BODY>
</HTML>
</xsl:template>
</xsl:stylesheet>
```

FIG. 11

Original Size

A3	▼
Auto	
A3	
A4	
A5	
A6	
B4	
B5	
B6	

Resolution

400×400 dpi	▼
-------------	---

FIG.12A

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl-stylesheet href="MENU1.XSL" type="text/xsl"?>
<MFP>
    <Original Size>A3</Original Size>
    <Resolution>400×400dpi</Resolution>
</MFP>
```

FIG.12B

```
<?xml version="1.0" encoding="UTF-8"?>
<Parameter>
    <Original Size>
        <item>Auto</item>
        <item>A3</item>
        <item>A4</item>
        <item>A5</item>
        <item>A6</item>
        <item>B4</item>
        <item>B5</item>
        <item>B6</item>
    </Original Size>
    <Resolution>
        <item>200×200dpi</item>
        <item>300×300dpi</item>
        <item>400×400dpi</item>
        <item>600×600dpi</item>
    </Resolution>
</Parameter>
```

FIG.13

```
<MFP>
  <PCL>
    <Font>
      <Name>Courier</Name>
      <Type>True</Type>
    </Font>
    <Font>
      <Name>CG Times</Name>
      <Type>True</Type>
    </Font>
    <Font>
      <Name>CG Times Bold</Name>
      <Type>True</Type>
    </Font>
    .
    .
    .
  </PCL>
</MFP>
```

FIG.14A

```
<MFP>
  <AutoClear>ON</AutoClear>
  <SleepMode>OFF</SleepMode>
  <PageDivision>Yes</PageDivision>
</MFP>
```

FIG.14B

```
<MFP>
  <ON>
    <item>ON</item>
    <item>OFF</item>
  </ON>
  <Yes>
    <item>Yes</item>
    <item>No</item>
  </Yes>
  <Enable>
    <item>Enable</item>
    <item>Disable</item>
  </Enable>
</MFP>
```

FIG.15A

```
<MFP>
  <Resolution>
    <item>200×200 dpi</item>
    <item>300×300 dpi</item>
    <item>400×400 dpi</item>
  </Resolution>
  <File Format>
    <item>PDF</item>
  </File Format>
</MFP>
```

FIG.15B

```
<MFP>
  <Resolution>
    <item>200×200 dpi</item>
    <item>300×300 dpi</item>
    <item>400×400 dpi</item>
    <item>600×600 dpi</item>
  </Resolution>
  <File Format>
    <item>PDF</item>
    <item>TIFF</item>
    <item>JPEG</item>
  </File Format>
</MFP>
```

FIG.16

